

National Oceanic and Atmospheric Administration (NOAA)

*Reimbursable Agreement Allotment to Unfilled
Customer Order (UCO) Comparison Report
(RA505D) Specifications*

May 15, 2006

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1.1 Reimbursable Agreement Allotment to UCO Comparison Report (RA505D)

Since there is no connection in CFS between the allotment and the unfilled customer order (UCO) entries, a report has been developed to compare the allotment for reimbursable projects and the UCO amount for the Reimbursable Agreement(s) tied to that same project. This report will not only help the Budget Office to verify that orders and allotments match, but help them to determine the adjustment to estimated allotments after carryover has been performed. The Line Office can also use this report to verify the entry of these amounts.

1.2 Selection Parameters

Users would request the RA505D report using the following parameters:

Parameter	Default	List of Values
Bureau Code	BUREAU_CODE based on user's database account.	BUREAU_CODE from BUREAU table where ACTIVE_STATUS = "Y".
Fund Code	ALL	All fund codes where the FUND_TYPE is like 'REIMB%' but not equal to 'REIMBB' or ALL. For Bureau 13 – Funds 4, 5, 14, 15, 24, 34 For Bureau 14 – Funds 5, 6, 7 For Bureau 20 – Unknown at this time.
Fund Code Fiscal Year	Current FY	No list of values. User should be able to select any year > 1988.
Orgl Code	ALL	ORG1_CODE and ORG1_DESCR from ORG1 table where BUREAU_CODE matches Bureau Code parameter selected or ALL.
Project Code	ALL	PROJECT_CODE and PROJECT_DESCR from PROJECT table where BUREAU_CODE and FUND_CODE match parameters selected or ALL. User should be able to enter the Project Code or select from the List of Values. Wildcards should be permitted.
GL End Date	GL_END_DATE in which system date falls.	GL_END_DATE from APERIOD table in descending order.
Report Type	With Differences	Allows the user to specify whether the report should reflect only where the UCO and Allotment subtotal do not match or for all data. Only one value may be selected. Valid values are: <ul style="list-style-type: none">• Differences Only• All

1.3 Selection Criteria

Data for this report will be determined using the following selection criteria.

If a Report Type of “Differences Only” is selected, the report will only reflect lines where the subtotaled Difference column is not equal to zero. Otherwise, all lines will be displayed.

Allotment Data:

Select allotment data for approved allotments with a DIRECT_FLAG of “R” for reimbursable funds only matching the parameters specified.

The Total Annual Allotment Amount will be based on the parameters entered for all approved allotments where the Allotment Fiscal Year matches the Fund Code Fiscal Year parameter.

- ***Determine the ALLOTMENT entries –***

SELECT AC.BUREAU_CODE, AC.FUND_CODE, AC.PROGRAM1_CODE, AC.PROGRAM2_CODE, AC.PROGRAM3_CODE, AC.PROGRAM4_CODE, AD.ORG1_CODE, AD.PROJECT_CODE, SUM(AD.AMOUNT) from ALLOT_CONTROL (AC) and ALLOT_DETAIL (AD) tables with the following criteria:

- AC.APPROVED_FLAG = ‘Y’ and
- AC.DIRECT_FLAG = ‘R’ and
- AC.FISCAL_YEAR match FUND_CODE_FISCAL_YEAR parameter and
- AC.TRANS_NO = AD.TRANS_NO and
- AD.PROJECT_CODE != ‘0000000’ and
- Other fields match the parameters specified.

Order Data:

Select approved order data where the ACTIVE_FLAG = “Y” and the order’s CUMULATIVE_AMOUNT is greater than 0 for reimbursable funds only matching the parameters specified.

The UCO Amount will be based on the parameters entered including the Fund Code Fiscal Year through the GL End Date parameter specified.

- ***Determine the Unfilled Customer Order (UCO) entries –***

SELECT RC.BUREAU_CODE, RC.FUND_CODE, RD.PROGRAM1_CODE, RD.PROGRAM2_CODE, RD.PROGRAM3_CODE, RD.PROGRAM4_CODE, RD.ORG1_CODE, RD.PROJECT_CODE, RC.RA_DOCUMENT_NO, RC.RA_AGREEMENT_NO, RC.DOCUMENT_NO, RC.ORDER_NO, RC.MOD_NO, SUM(RD.CUMULATIVE_AMOUNT) from RA_ORDER_CONTROL (RC) and RA_ORDER_DETAIL (RD) tables with the following criteria:

- RC.ACTIVE_FLAG = 'Y' and
- RC.APPROVED_FLAG = 'Y' and
- RC.FUND_CODE_FISCAL_YEAR match FUND_CODE_FISCAL_YEAR parameter and
- RC.GL_END_DATE <= the GL_END_DATE parameter and
- RC.TRANS_ID = RD.TRANS_ID and
- RD.CUMULATIVE_AMOUNT > 0 and
- Other fields match the parameters specified.

Advance Data:

The Advance Collected will be based on the parameters entered including the Fund Code Fiscal Year through the GL End Date specified.

- ***Determine the Advance Collected Amount –***

SELECT RC.DOCUMENT_NO, GA.BUREAU_CODE, GA.PROJECT_CODE, GA.ORG1_CODE, GA.PROGRAM1_CODE, GA.PROGRAM2_CODE, GA.PROGRAM3_CODE, GA.PROGRAM4_CODE, SUM(NVL(GT.GL_AMOUNT,0)) from GL_TRANSACTION (GT), GL_TRIAL_ENTRY (GE), GL_ACCS (GA), RA_ORDER_CONTROL RC, AR_RECEIVABLES (AR) tables with the following criteria:

- GT.GL_TRANS_ID = GE.GL_TRANS_ID and
- GT.GL_ACCS_ID = GA.GL_ACCS_ID and
- RC.ACTIVE_FLAG = 'Y' and
- RC.APPROVED_FLAG = 'Y' and
- GE.ACCOUNT_NO = 2310 and
- GE.SUB_ACCOUNT_NO = 1 and
- GT.DOCUMENT_TYPE in ('AR008','AR009') and
- GT.MASTER_DOC_ID = AR.RECV_ID and
- AR.ORDER_TRANS_ID = RC.TRANS_ID and

- GT.FUND_CODE_FISCAL_YEAR match the FUND_CODE_FISCAL_YEAR parameter and
- GT.GL_END_DATE <= the GL_END_DATE parameter and
- Other fields match the parameters specified.

Prior Year Cost Data:

The PY Costs will be based on the amounts from the Standard General Ledger 4610 accounts where the Fiscal Year matches the Fund Code Fiscal Year parameter through the GL End Date specified. This column will only include values where the 4610 transaction's Fund Code Fiscal Year is less than its Fiscal Year.

- ***Determine the PY Costs –***

SELECT NGAS.BUREAU_CODE, NGAS.FUND_CODE,
NGAS.PROGRAM1_CODE, NGAS.PROGRAM2_CODE,
NGAS.PROGRAM3_CODE, NGAS.PROGRAM4_CODE, NGAS.ORG1_CODE,
NGAS.PROJECT_CODE, SUM(NET_AMOUNT) from
NDW_GL_ACCT_SUMMARY (NGAS) table with the following criteria:

- NGAS.GL_ACCOUNT_NO = 4610 and
- NGAS.FUND_CODE_FISCAL_YEAR < NGAS.FISCAL_YEAR and
- NGAS.FISCAL_YEAR match the FUND_CODE_FISCAL_YEAR parameter and
- NGAS.GL_END_DATE <= the GL_END_DATE parameter and
- Other fields match the parameters specified.

1.4 Report Field Attributes

The following table provides an overview of the data elements to be included on this report. The Description and Source column will be populated once the specifications for the report have been finalized.

Table/Report Field Name	Description	Source
Fund Code		FUND_CODE from ALLOT_CONTROL, RA_ORDER_CONTROL, NDW_GL_ACCT_SUMMARY or GL_ACCS tables as appropriate.

Table/Report Field Name	Description	Source
Program Code		TO_CHAR(PROGRAM1_CODE,'FM09') '-' TO_CHAR(PROGRAM2_CODE,'FM09') '-' TO_CHAR(PROGRAM3_CODE,'FM09') '-' TO_CHAR(PROGRAM4_CODE,'FM009') from ALLOT_CONTROL, RA_ORDER_DETAIL, NDW_GL_ACCT_SUMMARY, or GL_ACCS tables as appropriate.
Org1 Code		ORG1_CODE from ALLOT_DETAIL, RA_ORDER_DETAIL, NDW_GL_ACCT_SUMMARY, or GL_ACCS tables as appropriate.
Project Code		PROJECT_CODE from ALLOT_DETAIL, RA_ORDER_DETAIL, NDW_GL_ACCT_SUMMARY, or GL_ACCS tables as appropriate.
Proj Type		PROJECT_TYPE from PROJECT table where BUREAU_CODE and PROJECT_CODE match.
RADG002 Ctl No		RA_DOCUMENT_NO from RA_ORDER_CONTROL table.
Agreement No.		RA_AGREEMENT_NO from RA_ORDER_CONTROL table.
RADG003 Ctl No.		DOCUMENT_NO from RA_ORDER_CONTROL table.
UCO Order No./Mod No.		ORDER_NO and MOD_NO from RA_ORDER_CONTROL table.
UCO Amount		SUM(CUMULATIVE_AMOUNT) from RA_ORDER_DETAIL table.
Total Annual Allotment Amount	Total annual allotment amount.	SUM(AMOUNT) from ALLOT_DETAIL table.
Difference	Absolute value of UCO Amount minus Allotment Amount (will always be reflected as a positive amount).	
Advance Collected		SUM(GL_AMOUNT) from GL_TRANSACTION table.
9999 PY Costs	Where 9999 reflects the Fiscal Year specified as the Fund Code Fiscal Year parameter.	SUM(NET_AMOUNT) from NDW_GL_ACCT_SUMMARY table.

1.5 Sort Order, Breaks, and Totals

The table below reflects the order in which the report will be sorted in ascending sequence unless other wise noted. The Break column reflects the type of break that will occur based on a change in the field name. For example, whenever the Bureau Code changes, a page break will occur. The Total column reflects if a total/subtotal will be provided whenever the value for that field changes.

Field Name in Sort Order Sequence	Break	Total
Bureau Code	Page	Yes
Fund Code	Page	
Program Code (at any of the 4 Program levels)	Page	
Org1 Code	Page	
Project Code	Subtotal	Yes
RADG002 Ctl No		
Agreement NO.		
RADG003 Ctl No.		

CREATION RUN DATE: mm/dd/yyyy
REPORT_ID: RA505D
INSTANCE: DBINST.WORLD

COMMERCE BUSINESS SYSTEM
BUREAU NAME
REIMBURSABLE AGREEMENT ALLOTMENT TO UCO COMPARISON REPORT

USER ID: OPS\$FIRLAS99
PAGE: 999999
AS OF: mm/dd/yyyy

BUREAU CODE: 99 - BUREAU NAME XXXXXXXX2XXXXXXXXXX3XXXXXXXXXX4
FUND CODE: 9999 - FUND TITLE XXXXXXXX2XXXXXXXXXX3XXXXXXXXXX4
FUND CODE FISCAL YEAR: 9999
ORG1 CODE: 99 - ORG1 DESCRIPTION XXX2XXXXXXXXXX3XXXXXXXXXX4
PROJECT CODE: XXXXXXXX - PROJECT DESCRIPTION 2XXXXXXXXXX3XXXXXXXXXX4
GL END DATE: DD-MON-YYYY
REPORT TYPE: DIFFERENCES ONLY or ALL

Version Data and/or Optional Report Message Data

Prior Year Costs are based on costs incurred for the year reflected in the column header but charged to a previous Fund Code Fiscal Year.
This report is intended for current year use only. If selected for a prior Fund Code Fiscal Year, results could be misleading.

NDW Refresh Status - SUCCESSFUL - START: mm/dd/yyyy hh:mi:ss - END: mm/dd/yyyy hh:mi:ss

CREATION RUN DATE: mm/dd/yyyy
REPORT_ID: RA505D
INSTANCE: DBINST.WORLD

COMMERCE BUSINESS SYSTEM
BUREAU NAME
REIMBURSABLE AGREEMENT ALLOTMENT TO UCO COMPARISON REPORT

USER ID: OPS\$FIRLAS99
PAGE: 999999
AS OF: mm/dd/yyyy

FUND: 9999 - FUND TITLE XXXXXXXX2XXXXXXXXX3XXXXXXXXX4
PROGRAM: 99-99-99-999 - PROGRAM1 DESCRIPTION XXXXX - PROGRAM2 DESCRIPTION XXXXX - PROGRAM3 DESCRIPTION XXXXX - PROGRAM4 DESCRIPTION XXXXX
ORG1: XX - ORG1 DESCRIPTION 2XXXXXXXXX3XXXXXXXXX4

PROJECT	PROJ	RADG002		RADG003		TOTAL ANNUAL		ADVANCE	9999
CODE	TYPE	CTL NO	AGREEMENT NO.	CTL NO	UCO ORDER NO/MOD NO	UCO AMOUNT	ALLOTMENT AMOUNT		
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
XXXXXXX	XXXXXX	99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
		99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
		99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
		99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
SUBTOTAL						99,99,999.99	99,999,999.99	99,999,999.99	99,999,999.99
XXXXXXX	XXXXXX	99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
		99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
		99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
		99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
SUBTOTAL						99,99,999.99	99,999,999.99	99,999,999.99	99,999,999.99
XXXXXXX	XXXXXX	99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
		99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
		99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
		99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
SUBTOTAL						99,99,999.99	99,999,999.99	99,999,999.99	99,999,999.99
XXXXXXX	XXXXXX	99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
		99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
		99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
		99999999	XXXXXXXXX1XXXXXXXXX2	99999999	XXXXXXXXX1XXXXXXXXX2-999	99,999,999.99		99,999,999.99	
SUBTOTAL						99,99,999.99	99,999,999.99	99,999,999.99	99,999,999.99

2. Navigator Report Header and Cover Page Definitions

The data warehouse follows a standard convention for report headers and cover pages. The table below describes each of the fields and how they are populated.

Table/Report Field Name	Description	Source
Header Data		
Creation Run Date	The date on which the report was run.	System Date
Commerce Business System	Name of system from which reports are generated.	VALUE from NDW_DEFAULTS table where ITEM_NAME = 'SYSTEM_NAME'.
User ID	Oracle User ID of the user who requested the report.	Oracle User Account
Report ID	A unique identifier for the report.	Report IDs are hard coded in the report code.
Bureau Name	The name of the bureau.	BUREAU BUREAU_NAME where B.BUREAU_CODE = bureau code selected on parameter screen.
Page	The number of the report page.	Sequential number generated through the report.
Instance	The SID of the database instance against which the report is run.	Determined from the database instance.
Report Title	The title of the report.	Report Titles are hard coded in the report code.
As Of	The date as of when the data was refreshed (last snapshot) in the data warehouse.	SNAPSHOT_AS_OF_DATE from the NDW_REFRESH_STATUS table where the REFRESH_STATUS_TYPE = 'CURRENT'.
Cover Page		
<i>Parameter Data</i>	This is a series of fields that is tailored for each report to reflect the parameters available and the values selected for producing this report.	Report dependant.
<i>Report Notes and Version Data</i>	The data warehouse provides the capability for notes to be stored and presented on the cover sheet. Multiple note lines (2000 bytes) can be specified for each report and will be presented in NOTE_LINE_NO sequence.	NOTE from NDW_REPORT_NOTES table where REPORT_ID = report identifier of the report being generated.

Table/Report Field Name	Description	Source
NDW Refresh Status Line	<p>A standard line that reflects the status of the data in the data warehouse at the time the report was generated. The format of this line is:</p> <p>NDW REFRESH STATUS – <i>status</i> – START: <i>MM/DD/YYYY</i> <i>HH:MI:SS</i> – END: <i>MM/DD/YYYY</i> <i>HH:MI:SS</i></p> <p>If the status reflects anything other than SUCCESSFUL, the data within the report may be suspect and the report should be regenerated.</p>	NDW_REFRESH_TERMINATION_STATUS, NDW_REFRESH_START_TIME, and NDW_REFRESH_END_TIME from NDW_REFRESH_STATUS where the REFRESH_STATUS_TYPE = ‘CURRENT’.

3. Data Warehouse Structure Support

- Snapshots of CBS source tables:
 - RA_ORDER_DETAIL
 - GL_TRANSACTION
 - GL_TRIAL_ENTRY
 - GL_ACCS
 - RA_WIP_PROCESS_ADV